



Sequence Listing PC22013AAD0.ST25
SEQUENCE LISTING

<110> Pfizer Inc.

Naylor, Alasdair M.

Van Der Graaf, Pieter H

Wayman, Christopher P.

<120> Treatment of Male Sexual Dysfunction

<130> PC22013

<150> US 60/265,358

<151> 2001-01-31

<150> GB 0030647.2

<151> 2000-12-15

<150> GB 0108730.3

<151> 2001-04-06

<150> GB 0120679.6

<151> 2001-08-24

<150> US 09/905,846

<151> 2001-07-13

<150> US 60/291,722

<151> 2001-05-17

<150> US 09/895,367

<151> 2001-06-29

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<301> Minth, C.D. et al.

<302> Cloning, characterization and DNA Sequence of a Human cDNA Encoding Neuropeptide Tyrosine

<303> Proc. Natl. Acad. Sci.

<304> 81

<305> 14

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| cttgaagtca ttcagaagtg gttttaggtt tctgttttt ggtggttttt gtttgggttt | 1860 |
| tttttttttc accttaaggg aggcttcat ttcctcccga ctgattgtca cttaaatcaa | 1920 |
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| cccacaggaa tgaagagaga aagcagctcc ccaacttcaa aaccattttg gtacctgaca | 2040 |
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| aatttatattt atttgaattt atggcaaga gattttccat ttttttaca gactgttcag | 2160 |
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| aacacaataa tcgtttcca tacagcagtg cctatataatg gactgattt aacttcaat | 2280 |
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| gagaaactat attttaaaga acaagacata cttcaatgtta ttatacagat aaagtattac | 2580 |
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| ctgaccctga gccagagctt atagatagta ccaagctgat tgaggtacaa gttgttctca | 180 |
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| tggcagatct ttgggtgaac actctgtgtc taccgttac tcttacctat accttaatgg | 360 |
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| acagccaggt cctggacctg aaggagtaca aactcatctt cacagtgttc cacatcatcg | 960 |
| ccatgtgctc cactttgcc aatccccttc tctatggctg gatgaacagc aactacagaa | 1020 |
| aggcttcctt ctcggccttc cgctgtgagc agcggttggaa tgccattcac tctgaggtgt | 1080 |
| ccgtgacatt caaggctaaa aagaacctgg aggtcagaaa gaacagtggc cccaatgact | 1140 |
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| gttcatgggtg tcagtggcca cgttgctgctg ggaggatgca aacctgcccga gggacagctg | 1080 |
| cctgggtgcag gaggacatgg tgcaggtgt ggagctggag acacagctgg ccaaggccac | 1140 |
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| ccacttggcc | cagctcaccc | caactccaac | ccactggac | ccagtctcca | ggggcctgac | 180 |
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| ctg | cagttc | tggtgtcagt | ggccacgtt | ctgcgggagg | atgc | 1140 |
| agctgc | cctgg | tg | catgtcag | gtgctggagc | tggagacaca | 1200 |
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| 3 | ggcttgacg acaatggccg gaacttcgac aagaatggca acatgatgga ttggtgtggagt | 2160 | |
| 4 | aacttctcca cccagcactt ccgggagcag tcagagtgca tgatctacca gtacggcaac | 2220 | |
| 5 | tactccctggg acctggcaga cgaacagaac gtgaacggat tcaacaccct tggggaaaac | 2280 | |
| 6 | attgctgaca acggaggggt gcggcaagcc tataaggcct acctaagtg gatggcagag | 2340 | |
| 7 | ggtggcaagg accagcagct gccccgcctg gatctcaccc atgagcagct cttcttcatc | 2400 | |
| 8 | aactatgccc aggtgtggtg cgggtcctac cggccccgagt tcgccatcca atccatcaag | 2460 | |
| 9 | acagacgtcc acagtcccct gaagtacagg gtactggggt cgctgcagaa cctggccgccc | 2520 | |
| 10 | ttcgcagaca cgttccactg tgccccgggc accccccatgc accccaagga gcgatgccgc | 2580 | |
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| 12 | tctgtgcgaa ggtgcagcta gcggcgaccc agtgtacgtc cccggccggc caaccatgcc | 2700 | |
| 13 | aaggcctgcct gccaggcctc tgcgcctggc ctagggtgca gccacctgccc tgacacccag | 2760 | |
| 14 | ggatgagcag tgtccagtgc agtacctgga ccggagcccc ctccacagac acccgccgggg | 2820 | |
| 15 | ctcagtgccc ccgtcacagc tctgttagaga caatcaactg tgtcctgccc accctccaag | 2880 | |
| 16 | gtgcattgtc ttccagatc tacagcttca gacttgagct aagtaaatgc ttcaaagaaa | 2940 | |
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Leu Gln Glu Glu Arg Thr Phe Val Lys Arg Lys Pro Arg Gly Ile Pro
65 70 75 80

Glu Ala Gln Glu Val Ser Glu Val Cys Thr Thr Pro Gly Cys Val Ile
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Ala Ala Ala Arg Ile Leu Gln Asn Met Asp Pro Thr Thr Glu Pro Cys
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Ser Gln Phe Asn Arg Arg Val Leu Ile Asp Leu Phe Ile Trp Asn Asp
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Gly Met Pro Ser Arg Glu Tyr Tyr Phe Asn Gly Gly Ser Asn Arg Lys
260 265 270

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360

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485 490 495

Ala Gln Glu Lys Ala Met Ser Ile Arg Glu Gln Ile Gly His Pro Asp
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Tyr Ile Leu Glu Glu Met Asn Arg Arg Leu Asp Glu Glu Tyr Ser Asn
515 520 525

Leu Asn Phe Ser Glu Asp Leu Tyr Phe Glu Asn Ser Leu Gln Asn Leu
530 535 540

Lys Val Gly Ala Gln Arg Ser Leu Arg Lys Leu Arg Glu Lys Val Asp
545 550 555 560

Pro Asn Leu Trp Ile Ile Gly Ala Ala Val Val Asn Ala Phe Tyr Ser
565 570 575

Pro Asn Arg Asn Gln Ile Val Phe Pro Ala Gly Ile Leu Gln Pro Pro
580 585 590

Phe Phe Ser Lys Glu Gln Pro Gln Ala Leu Asn Phe Gly Gly Ile Gly
595 600 605

Met Val Ile Gly His Glu Ile Thr His Gly Phe Asp Asp Asn Gly Arg
610 615 620

Asn Phe Asp Lys Asn Gly Asn Met Met Asp Trp Trp Ser Asn Phe Ser
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| | | | |
|---|-----|-----|-----|
| 625 | 630 | 635 | 640 |
| Thr Gln His Phe Arg Glu Gln Ser Glu Cys Met Ile Tyr Gln Tyr Gly | | | |
| 645 | 650 | 655 | |
| Asn Tyr Ser Trp Asp Leu Ala Asp Glu Gln Asn Val Asn Gly Phe Asn | | | |
| 660 | 665 | 670 | |
| Thr Leu Gly Glu Asn Ile Ala Asp Asn Gly Gly Val Arg Gln Ala Tyr | | | |
| 675 | 680 | 685 | |
| Lys Ala Tyr Leu Lys Trp Met Ala Glu Gly Gly Lys Asp Gln Gln Leu | | | |
| 690 | 695 | 700 | |
| Pro Gly Leu Asp Leu Thr His Glu Gln Leu Phe Phe Ile Asn Tyr Ala | | | |
| 705 | 710 | 715 | 720 |
| Gln Val Trp Cys Gly Ser Tyr Arg Pro Glu Phe Ala Ile Gln Ser Ile | | | |
| 725 | 730 | 735 | |
| Lys Thr Asp Val His Ser Pro Leu Lys Tyr Arg Val Leu Gly Ser Leu | | | |
| 740 | 745 | 750 | |
| Gln Asn Leu Ala Ala Phe Ala Asp Thr Phe His Cys Ala Arg Gly Thr | | | |
| 755 | 760 | 765 | |
| Pro Met His Pro Lys Glu Arg Cys Arg Val Trp | | | |
| 770 | 775 | | |